

16. (Amended) A device for cooling electronics comprising:

(a) a container having a receptacle for receiving an electronic device, the container defining an annular chamber that is partially filled with a liquid coolant, wherein the receptacle is disposed between the electronic device and the chamber; the container having an outer wall and an inner wall, wherein the liquid coolant does not contact both the inner wall and the outer wall simultaneously.

REMARKS

Claims 1-21 are pending in the application. Claims 5, 7-9, 12-15, and 21 are withdrawn from consideration. Claims 1-4, 6, 10, 11, and 16-20 stand finally rejected under 35 U.S.C. §§ 102 and/or 103. Claims 1, 10, and 16 have been amended as shown in the attached appendix. In view of the amendments and the following remarks, Applicants respectfully request reconsideration of the Examiner's rejections.

In response to Applicants' arguments (filed 10/22/02) that Paterson does not disclose "a container having a receptacle," the Examiner stated (in the Office Action mailed on 12/31/02):

[I]t is noted that the features upon which applicant relies (i.e., the receptacle is an intermediary between the container and electronic device) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims.

Independent claims 1, 10, and 16 have now been amended as shown in the attached appendix to include the following language: "wherein the receptacle is disposed between the electronic device and the chamber."

Neither Paterson (U.S. Pat. No. 5,529,115) nor Paine (U.S. Pat. No. 3,603,382), alone or in combination, disclose a receptacle disposed between the electronic device

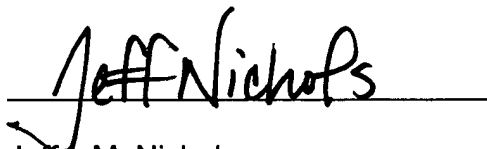
and the chamber. Independent claims 1, 10, and 16, and dependent claims 2-4, 6, 11, and 17-20, are thus patentable (for at least this reason among other reasons) over Paterson and Paine. Accordingly, Applicants respectfully request that the Examiner remove his final rejection of claims 1-4, 6, 10, 11, and 16-20.

CONCLUSION

In conclusion, Applicants believe they have overcome each of the rejections. The application is therefore in condition for allowance and early notification of allowance is respectfully requested. If, for any reason, the Examiner believes that the amendments and remarks do not put the claims in condition for allowance, the undersigned attorney can be reached at (312) 245-5393 to resolve any remaining issues.

A marked-up version of the changes made to the claims by current amendment is attached (Appendix A).

Respectfully submitted,

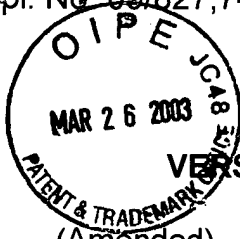
A handwritten signature in black ink that reads "Jeff Nichols". The signature is written over a horizontal line.

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APPENDIX A



VERSION WITH MARKINGS TO SHOW CHANGES MADE

1. (Amended) A device for cooling electronics comprising
 - (a) a container having a receptacle for receiving an electronic device, the container defining a chamber that is partially filled with a liquid coolant, wherein the receptacle is disposed between the electronic device and the chamber; the container also being capable of receiving a cooling conduit;
 - (c) a wick structure positioned within the container.
10. (Amended) A method for cooling electronics comprising:
 - (a) providing a container having a receptacle for receiving an electronic device, the container defining a chamber and having an inner wall and an outer wall;
 - (b) filling the container partially with a liquid coolant such that the liquid coolant does not contact both the inner wall and the outer wall simultaneously;
 - (i) providing an electronic device;
 - (j) connecting the electronic device to the receptacle of the container, wherein the receptacle is disposed between the electronic device and the chamber;
 - (k) generating heat by the electronic device;
 - (l) transferring heat to the coolant;
 - (m) connecting a cooling conduit to the container;
 - (n) forcing air or liquid through the cooling conduit.

APPENDIX A

16. (Amended) A device for cooling electronics comprising:

(a) a container having a receptacle for receiving an electronic device, the container defining an annular chamber that is partially filled with a liquid coolant, wherein the receptacle is disposed between the electronic device and the chamber; the container having an outer wall and an inner wall, wherein the liquid coolant does not contact both the inner wall and the outer wall simultaneously.